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Designed and manufactured by
Cherub Technology Co.,Ltd

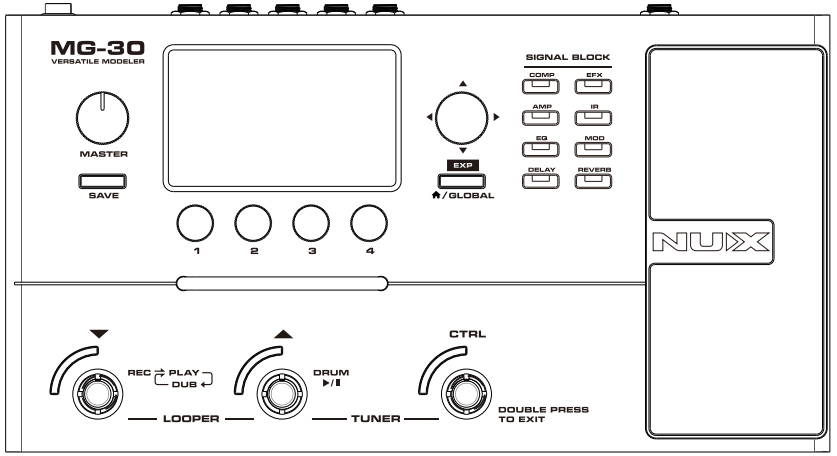
www.nuxefx.com Made in China

NUX

MG-30

VERSATILE MODELER

吉他数字综合效果器



TS/AC HD AMP MODELING

COLOR LCD

IR

32bit DSP

Version 1.0

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Accuracy

Whilst every effort has been made to ensure the accuracy and content of this manual, Cherub Technology Co. makes no representations or warranties regarding the contents.

WARNING!-IMPORTANT SAFETY INSTRUCTIONS
BEFORE CONNECTING, READ INSTRUCTIONS

WARNING: To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.

CAUTION: To reduce the risk of fire or electric shock, do not remove screws. No user-serviceable parts inside. Refer servicing to qualified service personnel.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-Reorient or relocate the receiving antenna.

-Increase the separation between the equipment and receiver.

-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

-Consult the dealer or an experienced radio/TV technician for help. The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

The lightning symbol within a triangle means "electrical caution!" It indicates the presence of information about operating voltage and potential risks of electrical shock.

The exclamation point within a triangle means "caution!" Please read the information next to all caution signs.

1. Use only the supplied power supply or power cord. If you are not sure of the type of power available, consult your dealer or local power company.
2. Do not place near heat sources, such as radiators, heat registers, or appliances which produce heat.
3. Guard against objects or liquids entering the enclosure.
4. Do not attempt to service this product yourself, as opening or removing covers may expose you to dangerous voltage points or other risks. Refer all servicing to qualified service personnel.
5. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as when the power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally or has been dropped.
6. The power supply cord should be unplugged when the unit is to be unused for long periods of time.
7. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles and at the point where they exit from the apparatus.
8. Prolonged listening at high volume levels may cause irreparable hearing loss and/or damage. Always be sure to practice "safe listening".

Follow all instructions and heed all warnings

KEEP THESE INSTRUCTIONS!

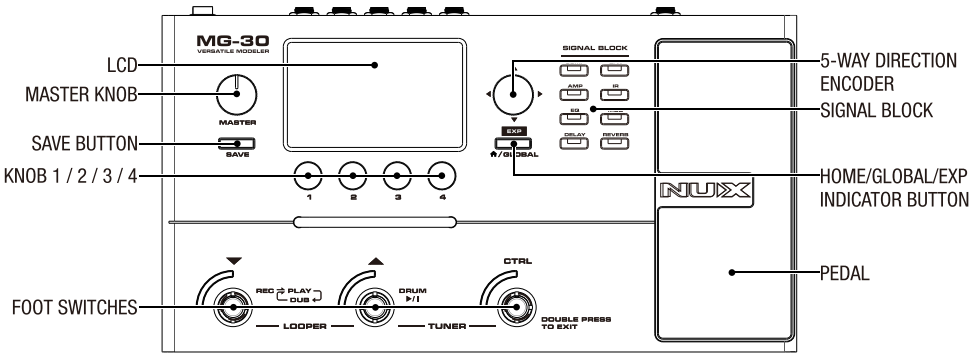
Introduction

NUX MG-30 is a versatile modeler. MG-30 equips 2 powerful DSPs for high-definition White-Box Amp Modeling algorithm (TSAC-HD) and Core-Image post-effects. Since we announced the best budget compact modeler MG-300, people were blown away by the sound and playability. We're proud to say MG-30 can offer you 2K definition better than MG-300's Full-HD experience. The aluminum alloy enclosure gives you strong protection in all kinds rigorous environments. Send/Return and external EXP jacks offer multi applications the guitarists need. Moveable signal blocks, optional parallel post-effect routing and 1024 samples IR resolution make MG-30 be the versatile modeler as game changer in the industry.

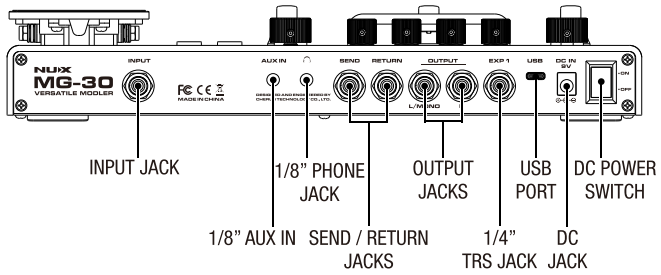
Features

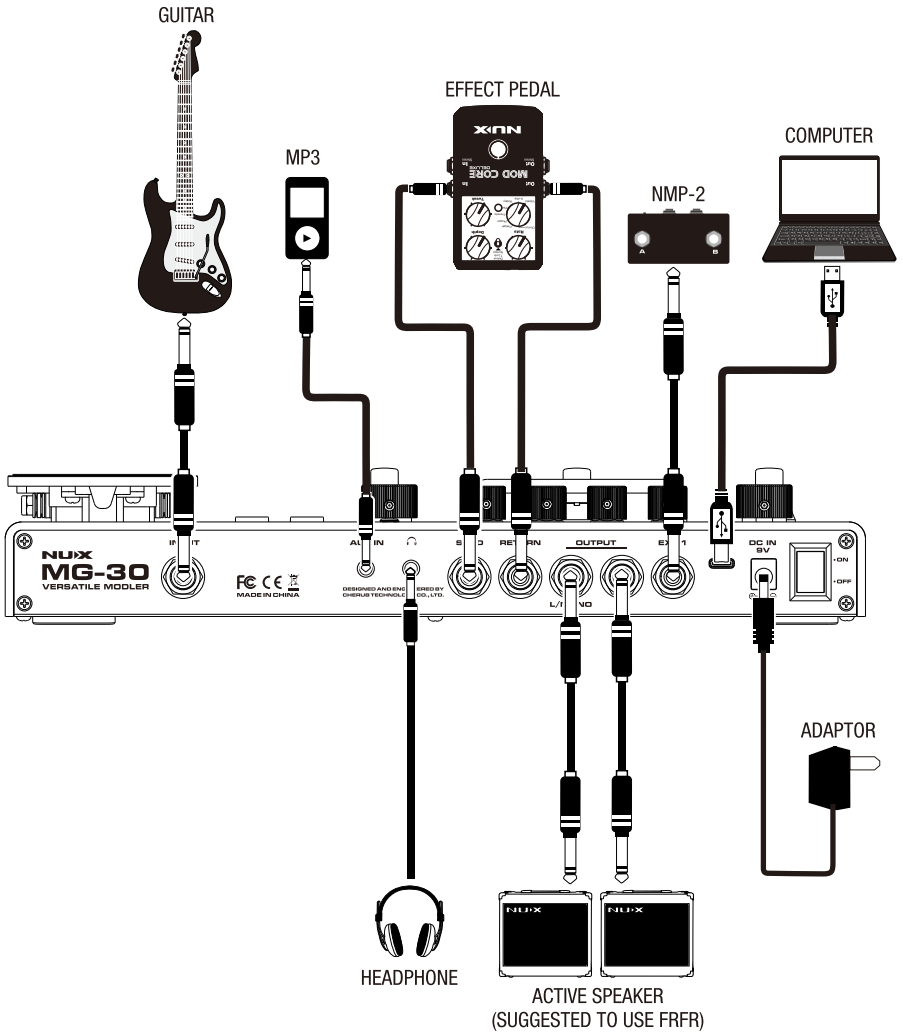
- 4” 800*480 color LCD with intuitive UI.
- WAH, CMP, GATE, EFX, AMP, IR, EQ, S/R, MOD, DLY, RVB | 11 independent moveable signal blocks with optional parallel post-efx routing.
- White-box Amp Modeling & Pre-efx algorithm offers realistic playability and analog-chaos response.
- 1024 samples IR resolution and 3rd party IR loader slot w/ each user patch.
- Electric guitar amp models, bass amp models, and acoustic simulation IRs with related acoustic amp models.
- Input trim with 3 band EQ under Global setting.
- 5 output modes with global 3 band EQ for quick tone tweaking.
- Parameter Follow function can track your effect tweaking habits.
- USB recording interface, firmware update, QuickTone edit software.

Front Panel



Rear Panel





MASTER KNOB

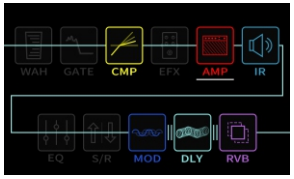
Controls overall master volume of MG-30.

SIGNAL BLOCK

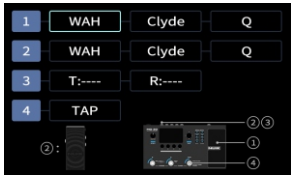
Under the current patch. Press once to engage/disengage the related signal block. Hold to enter to related signal block editing. Hold 2 signal blocks can exchange the block position. Signal blocks are also the indicators to show the current status. (Engaged / Disengaged)

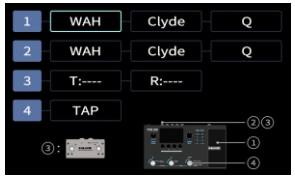
5-WAY DIRECTION ENCODER

During current patch location display. Press once to enter to edit mode, then you can go left/right to choose related signal block to tweak parameters.
Rotate the encoder can switch to different models.
During current patch location display. Hold up, you can adjust the current patch level.



In patch edit mode, hold “UP”, you can go to signal block position adjustment. If your current block is MOD / DLY / RVB, press KNOB 3 or KNOB 4 can set the post-effects as parallel routing.
In patch edit mode, hold “DOWN”, you can also go to on-board EXP / external EXP / CTRL assignment settings.

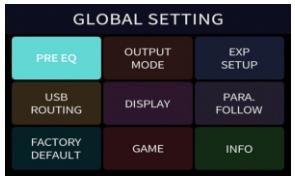




During current patch location display. Hold down, you can adjust EXP / EXP 1 / CTRL assignment settings. (MG-30 will detect external EXP 1 jack while you connect with NUX NMP-2 or expression pedal.)

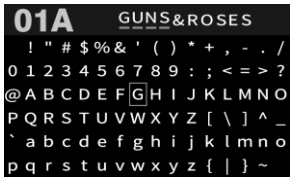
HOME/GLOBAL/EXP INDICATOR BUTTON

During current patch display, hold global button to enter to GLOBAL SETTING, then use 5-way direction encoder to adjust all the setups. Press once to go one layer back.
The EXP indicator can show the on-board EXP is engaged for secondary function or not.



SAVE BUTTON

Either in GLOBAL SETTING or Patch Edit, press the SAVE button to store.
Press HOME/GLOBAL button to go back.



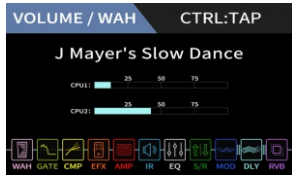
KNOB 1 / 2 / 3 / 4

While you enter to edit mode (press 5-way encoder), you can tweak the knob to adjust the related parameters. You can even press the knob to go to different page.

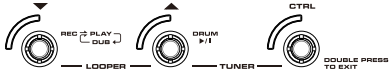
Hidden Functions in PRESET mode by pressing KNOB 1/ 2/ 3:
Press KNOB1: You can adjust current patch LEVEL by rotating KNOB 1. (Press KNOB 4 to recall default parameter.)

Press KNOB 2: You can see current patch's BPM/TIME setting. In the meantime, you can tap KNOB 2 as Tap Tempo to adjust the BPM value.

Press KNOB 3: You can see current CPU status.



FOOT SWITCHES



DOWN FOOT SWITCH: During patch display, press once can go patch down.
UP FOOT SWITCH: During patch display, press once can go patch up.
CTRL FOOT SWITCH: You can assign CTRL foot switch as TAP / CMP / NG / EFX / EQ / SR MOD / DLY / RVB. (Enter to EXP/EXP1/CTRL assignment settings.) TAP means globally tap tempo. For other signal blocks, it means you can engage/disengage by CTRL foot switch.

Control Panel

Press UP & DOWN foot switch, then you can enter to DRUM & LOOPER. In the meantime, DOWN foot switch controls phrase looper, UP foot switch controls drum.

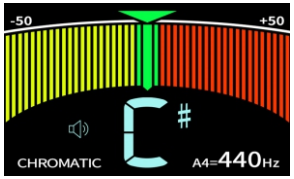
Knob 1: controls LOOP VOL.
Knob 2: controls DRUM VOL.
Knob 3: controls TEMPO.
Knob 4: controls STYLE.

LOOP FOOTSWITCH

RHYTHM FOOTSWITCH

Double press CTRL to exit DRUM & LOOPER.

Press UP & CTRL foot switch, then you can enter to TUNER.



Rotate knob 1 to switch CHROMATIC or COMPEN. G , press knob 1 to switch Mute or Listening.

Note: COMPEN. G is guitar compensation tuning algorithm.

Double press CTRL foot switch to exit TUNER.

DC POWER SWITCH

Turn ON / OFF MG-30 through the switch.

DC JACK

Connect the original adaptor to the jack.

USB

USB PORT: Connect the USB cable to computer for firmware update, USB recording, or QuickTone edit software editing.

Note: Connect USB cable to computer, and hold UP & DOWN foot switch to turn on MG-30, then you can enter to DFU(Device Firmware Update) mode to do firmware update. For more details, please visit product page to check the firmware update instruction and download the newest firmware & QuickTone edit software.

OUTPUT JACKS

L out is for mono, R out is for right side while stereo application.

SEND / RETURN JACKS

You can connect with other effect pedals through SEND / RETURN. You can check S/R current block position on the display.

1/8” PHONE JACK

Connect your headphone to the 1/8” phone jack. The phone out is related to OUTPUT.

1/8” AUX IN

Connect your MP3 player to the 1/8” AUX IN jack for playback.

INPUT JACK

Connect your guitar to INPUT jack.

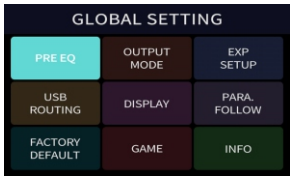
EXP1

1/4" TRS jack, connect an external expression pedal here, or the additional NMP-2.

Global Setting

Here we will explain more details about GLOBAL SETTING, actually it's very intuitive, you can follow the UI to operate easily.

Hold HOME/GLOBAL button to enter to GLOBAL SETTING.

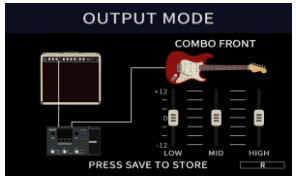


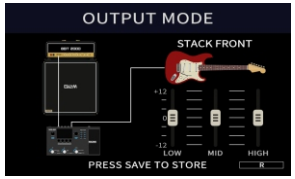
PRE EQ

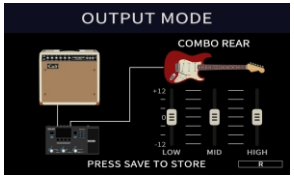
You can adjust input trim and 3 band EQ to fix the guitar sound as you prefer.

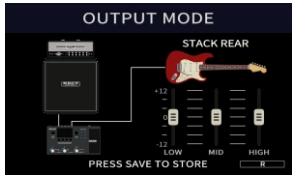
OUTPUT MODE

You can choose the suitable output mode with related connection. While you choose COMBO FRONT / STACK FRONT, MG-30 will bypass IR(Cab) block. In output mode, MG-30 offers 3 band EQ to let you tweak global sound be suitable for current environment.









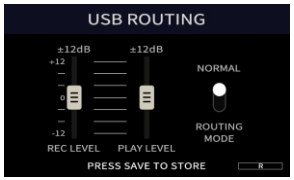
EXP SETUP

Firstly you can adjust EXP to be independent with patch or related to patch. It means if you choose EXP Ind., you can keep EXP engaged even move to the next patch.

Just in case if you need to do EXP CALIBRATION, press CTRL.

USB ROUTING

Besides USB ROUTING in GLOBAL SETTING, you can adjust USB routing in QuickTone edit software.

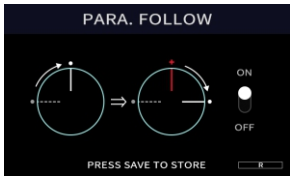


DISPLAY

Adjust the display brightness.

PARA. FOLLOW

If you engage PARA. FOLLOW, while you leave the current efx model, MG-30 will remember the parameters while you choose the model again. If you turn off PARA. FOLLOW, while you choose the efx model, it will use default parameters.



Global Setting

FACTORY DEFAULT
You can recall the factory preset.

GAME
During rehearsal, guitarists always feel bored. No worry, MG-30 has SNAKE GAME for you!

INFO
You can check firmware version and CPU utility.

Specifications

- Input Impedance
  INPUT: 1M ohm
  RETURN: 220k ohm
- Output Impedance
  OUTPUT: 1k ohm
  SEND: 1k ohm
- A/D Converter: 32bit
- Sampling Frequency: 48kHz
- Frequency Response Range: 20Hz ~ 20kHz
- Dynamic Range: 110dB
- Current Draw: <400mA
- Power: 9V DC negative center
- Dimensions: 313mm(L) x 166mm(W) x 54mm (H)
- Weight: 1.5kg

*Specifications and features are subject to change without notice.

MASTER旋钮

调节MG-30的整体输出音量大小。

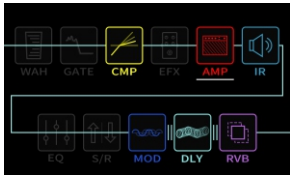
SIGNAL BLOCK控制按键组（效果模块信号链）

快速编辑当前预设下信号链上效果模块的工作状态：按键一次，开启或关闭信号链上对应的效果器；长按按键，进入对应效果模块的设置菜单；同时按住两个按键，可交换两个按键所对应效果模块在信号链上的位置。按键的背光灯也是其对应效果模块工作状态指示灯（效果开启：背光灯亮起；效果关闭：背光灯熄灭）。

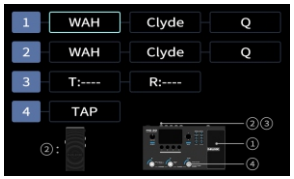
5向编码器

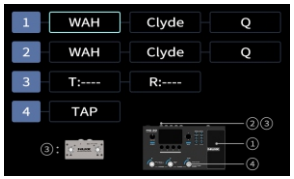
功能1: 预设模式下，转动5向编码器可快速切换预设。

功能2: 预设模式下，按5向编码器一次进入预设编辑模式，然后向左或向右推动5向编码器选择需要编辑的效果模块然后使用编码器1/2/3/4来调整参数或转动5向编码器来选择当前效果模块下的可选效果模型。设置完毕后按5向编码器返回预设编辑模式。



功能3: 预设模式下，向下推5向编码器进入表情踏板（本体-1）/外接踏板（接入EXP接口-2/3）/控制踩钉（CTRL-4）设置菜单，然后按或转动编码器1/2/3/4来选定或调整参数。（MG-30会自动侦测外接踏板的类型并显示对应的图例）设置完毕后按5向编码器返回预设编辑模式。





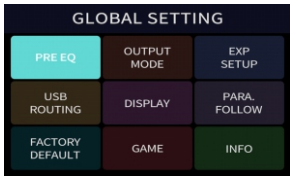
功能4: 预设编辑模式下，向上推5向编码器进入效果模块顺序快速调整菜单。向左或向右推动5向编码器即可改变当前模块在信号链上所处的位置，调整好位置后按压5向编码器一次即可返回编辑模式。此外，如果效果链上MOD（调制）/DLY（延时）/RVB（混响）处于相邻位置时，您还可以使用编码器3或编码器4来改变这三个后级效果模块的并联或串联状态。设置完毕后按5向编码器返回预设编辑模式。

功能5: 预设编辑模式下，也可向下推5向编码器进入表情踏板设置菜单（此功能与功能4一致）。

全局按键

功能1: 预设编辑模式下，按全局按键即可退出编辑模式。

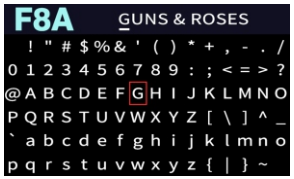
功能2: 预设模式下，长按全局按键即可进入全局设置主菜单。全局设置主菜单下转动5向编码器选择一个子菜单，然后按5向编码器进入所选定的子菜单设置页面，再转动编码器1/2/3/4或5向编码器来调整该子菜单的参数设置，调整完毕后按保存按键确认保存设置；放弃调整，请直接按全局按键返回全局设置主菜单。



功能3: 设定全局按键的背光灯还是主表情踏板是否开启第二功能的状态指示灯。

保存按键

按保存按键即可保存全局设置或预设编辑模式下的设置；放弃保存，请直接按全局按键返回上一级菜单。



编码器1/2/3/4

预设编辑模式下，转动编码器1/2/3/4可调整其对应可调参数的值，如可调参数值大于4个，您可以按压编码器2进入下一页调整可调参数的值。

预设模式下，按压旋钮1/2/3触发隐藏功能：

按压旋钮1：调节当前预设音量，通过旋转旋钮1来调节。（按压旋钮4可以呼叫初始值。）

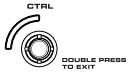
按压旋钮2：浏览当前预设的BPM/TIME值，与此同时，拍点旋钮2可做拍点定速调节BMP值。

按压旋钮3：浏览当前CPU运算状态。

录音踩钉&鼓机踩钉

预设模式下，单独按压REC踩钉/DRUM踩钉一次可向下/向上切换预设。

CTRL踩钉



您可以将CTRL踩钉定义成全局打点设速（TAP）踩钉或者其它效果模块(CMP/NG/EFX/EQ/SR/MOD/DLY/RVB)的快捷开关踩钉。

- 鼓机与乐句循环功能

同时按下REC踩钉及DRUM踩钉，即可激活鼓机及乐句循环功能：REC踩钉控制乐句循环；DRUM踩钉控制鼓机；连续按CTRL踩钉两次即可返回预设菜单。

编码器1：控制乐句循环回放的音量大小。
编码器2：控制鼓机的音量大小。
编码器3：用于设置鼓机的速度。
编码器4：用于切换鼓机的风格。

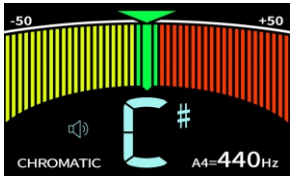
鼓机与乐句循环操作逻辑图：

LOOP FOOTSWITCH

RHYTHM FOOTSWITCH

- 调音器功能

同时按下DRUM踩钉及CTRL踩钉即可激活调音器功能；连续按CTRL踩钉两次即可返回预设菜单。



转动编码器1可切换调音模式（Chromatic（十二平均律） - Compen.G（吉他补偿调音模式）），按编码器1可开启或关闭静音调音模式。
转动编码器4可设置A4值。
注意：Compen.G 是吉他专用补偿调音模式。

电源开关

拨档电源开关，用于开启或者关闭本体供电。

电源接口

9伏内负外正直流电输入接口，请连接附赠的电源适配器为本体供电。

USB接口

USB-C数据交换接口，请使用随机附带的USB-C数据线连接电脑进行固件更新、录音或者使用配套的QuickTone软件来编辑音色。

注意：使用USB线将机器与电脑连接好以后，请同时按下REC踩钉与DRUM踩钉，然后再开启电源开关，让机器进入升级模式。新固件及固件更新软件、QuickTone及详细操作指南请移步至MG-30产品页面查询及下载。

控制面板

输出接口

6.35mm组合输出接口，单独使用L/MONO接口时输出音频为单声道；需要立体声输出时请同时使用L/MONO接口及R接口。

效果回路接口

您可以使用效果回路接口来连接外部效果器或效果器链。您可以到主界面查看S/R模块中在MG-30效果模块信号链所处的位置。

耳机接口

3.5mm立体声耳机接口，输出音频信号与OUTPUT接口一致。

辅助音频输入接口

3.5mm辅助音频输入接口，可在此处连接外部音频播放设备（例：手机、CD播放器及MP3等）。

输入接口

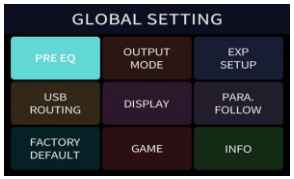
6.35mm单声道信号输入接口。

EXP1接口

6.35mmTRS接口，可在此处连接外部表情踏板，或连接附带的NMP-2。

全局设置详解

以下内容为全局设置的详细介绍，如果您是经验丰富的综合效果器用户可略过这个部分。



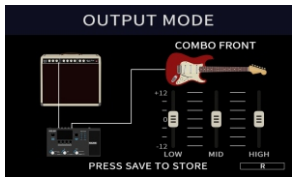
长按全局按键即可进入全局设置主菜单（如上图所示）。

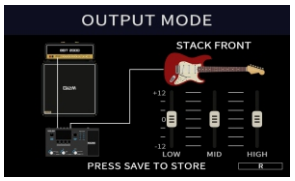
前置均衡器

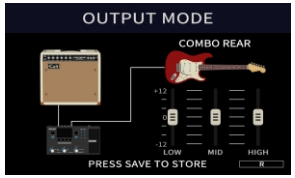
前置均衡器设置，您可以使用编码器1/2/3/4调节TRIM，BASS，MID以及TREBLE四个参数来调整吉他输入的音频信号。

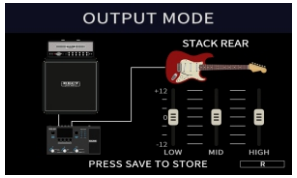
输出模式

输出模式设置，MG-30内置了5种输出模式（声卡/调音台/Combo音箱/分体音箱/Combo音箱Return/分体音箱Return），您可以根据实际需要转动5向编码器来选择合适的输出模式以及调整三段全局输出EQ曲线（分别由编码器1/2/3控制）。需要注意的是<IR模块>在Combo音箱及分体音箱两个输出模式中被禁用了。









踏板设定

表情踏板全局设置，转动5向编码器来设置表情踏板功能与预设的相对关系（独立于预设（ON），关联预设（OFF））。当<独立于预设>开启时表情踏板会一直处于激活状态而不受预设影响。

如果您想要校正表情踏板，请按CTRL踩钉一次即可对表情踏板进行校正。校正步骤如下：

1.将表情踏板踩至下限位置，然后按CTRL踩钉一次。

2.将表情踏板踩至上限位置，然后按CTRL踩钉一次。

3.用力踩踏板检测触发值，然后按CTRL踩钉一次，
按SAVE键存储设定。

USB 录音设置

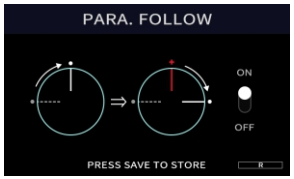
USB录音设置，REC LEVEL/PLAY LEVEL/ ROUTING MODE三个参数分别由编码器1/2/3控制。

显示设置

10级屏幕显示亮度调节，您可以根据使用环境的明暗情况转动5向编码器选择合适的屏幕亮度，然后按保存按键保存选择。

参数跟随

参数跟随设置，转动5向编码器来开启（ON）或者关闭（OFF）参数跟随功能。参数跟随功能开启后，系统会自动保存已选用过效果器的参数设置，再次选用该效果器时系统会自动调用保存的参数。参数跟随功能关闭后，系统则会调用默认参数。



恢复出厂设置

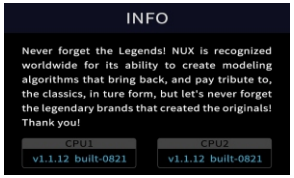
恢复出厂设置，如果您想要将机器恢复到出厂设置，请转动5向编码器选择YES项，然后按保存按键确认恢复出厂设置。如不需要回复出厂设置，请转动5向编码器选择NO项，然后按保存按键或者直接按全局按钮返回全局设置主菜单。

游戏

贪吃蛇小游戏。排练到无聊？玩一下贪吃蛇放松一下吧！按5向编码器一次开始游戏，然后根据实际需要上/下/左/右推动5向编码器控制蛇头的转动方向。游戏中可直接按全局按键退出游戏。

关于本机

系统信息，获取固件版本信息。



技术规格

- 输入接口阻抗
  INPUT：1M ohm
  RETRUN：220k ohm
- 输出接口阻抗
  OUTPUT：1k ohm
  SEND：1k ohm
- 数模转换精度：32bit
- 采样率：48kHz
- 频率响应范围：20Hz ～ 20kHz
- 动态范围：110dB
- 需求电流：<400mA
- 电源：9V直流，内负外正
- 体积：313mm(L) x 166mm(W) x 54mm(H)
- 重量：1.5 kg

*技术规格如有变更，恕不另行通知。

随机附件

●DC9V适配器　●USB数据线　●NMP-2双踩钉脚踏开关　●音频线　●使用手册　●合格证
(此TRS音频线用于连接NMP-2与EXP1。)

有关产品中所含有害物质的说明

本资料就本公司产品中所含的特定有害物质及其安全性予以说明。
本资料适用于2007年3月1日以后本公司所制造的产品。

环保使用期限

此标志适用于在中国国内销售的电子信息产品，表示环保使用期限的年数。所谓环保使用期限是指在制造日起的规定期限内，产品中所含的有害物质不致引起环境污染,不会对人身、财产造成严重的不良影响。环保使用期限仅在遵照产品使用说明，正确使用产品的条件下才有效。不当的使用，将会导致有害物质泄漏的危险。

产品中有毒有害物质或元素的名称及含量

部件名称	有害有毒物质或元素					
	铅(Pb)	汞(Hg)	镉(Cd)	六价铬(Cr(VI))	多溴联苯(PBB)	多溴二苯醚(PBDE)
外壳(壳体)	×	●	●	●	●	●
电子部件(印刷电路板等)	×	●	×	●	●	●
附件(电源线、交流适配器等)	×	●	●	●	●	●

●：表示该有害有毒物质在该部件所有均质材料中的含量均在SJ/T11363-2006 标准规范的限量要求以下。
×：表示该有害有毒物质至少在该部件的某一均质材料中的含量超出SJ/T11363-2006 标准规定的限量要求。
因根据现有的技术水平，还没有什么物质能够代替它。

质量承诺

亲爱的NUX用户，在您使用本产品时，请仔细参阅产品说明书，当您有疑问和困难时，请拨打售后服务热线：
400-990-9866

售后服务地址

广东省珠海市高新区唐家湾镇科技九路10号
珠海市蔚科科技开发有限公司　售后服务部
邮编:519085

■一周内出现质量问题可退货退款　■一年内出现质量问题可免费维修
■一月内出现质量问题可调换　■终身享有咨询和维修服务

＊请向销售商索取有效购买凭证并予以保存。

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电话：0755-2686 9866 网址：www.nuxefx.com 生产商:珠海市蔚科科技开发有限公司
生产商地址：珠海市高新区唐家湾镇科技九路10号 电话：0756-3689866

换修政策

一、包换政策：
1. 消费者自购机之日起1个月之内，在正常使用情况下，出现非人为的产品性能故障，且产品外观及包装保持完好的可向所购机的经销商换机。
2. 消费者在换机时应出示由经销商开出的购机收据及保修卡，否则经销商可以不予更换。

二、保修政策：
产品在购买之日起1年内，可免费享有维修服务；对于超过1年的产品及人为或不可抗力因素造成损坏的产品，我司可提供有偿维修服务。